FEDERAL ITEM IDENTIFICATION GUIDE

FABRICATED NONMETALLIC MATERIALS

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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

   This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

   This FIIG is comprised of the following:

   Index of Approved Item Names Covered by this FIIG
   Applicability Key Index
   Section I - Item Characteristics Data Requirements
   Section III - New text that should be here.
   Appendix A - Reply Tables
   Appendix B - Reference Drawing Groups (as applicable)
   Appendix C - Technical Data Tables (as applicable)

   a. Index of Approved Item Names Covered by this FIIG:

   The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

   b. Applicability Key Index:

   The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

   (1) The letter "X" indicates the requirement must be answered for a full descriptive item.

   (2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

   (3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
COVER, CREW MATTRESS	51456	CA

A form fitting item designed to provide environmental protection and crew comfort during aircraft operations.

Approved Item Name	INC	App Key
PLASTIC BAR	50170	DA

A rigid item of synthetic materials having a rectangular cross section. It may be hollow or solid. It is not rated for electrical characteristics.

Approved Item Name	INC	App Key
PLASTIC MATERIAL, CELLULAR	19975	DA

A bulk material rectangular in shape, composed of a multitude of individual small cells. It is produced in various lengths, widths, and thicknesses and may have a finished surface or a rough (natural) surface. It is used for low temperature insulation, buoyancy, and also in the electrical, display, and novelty fields. Excludes CORE MATERIAL, CELLULAR, STRUCTURAL; CUSHIONING MATERIAL, PACKAGING; and INSERT, PACKAGING.

Approved Item Name	INC	App Key
PLASTIC MOLDING MATERIAL	07856	EA

A plastic compound in the form of powder, liquid, or the like, for use in molding plastic parts and forming cellular plastic material.

Approved Item Name	INC	App Key
PLASTIC SHEET, ADHESIVE COATED	20952	AA

A solid plastic material, coated with ADHESIVE on one side, and with a removable backing. The ADHESIVE is designed to be activated by a solvent. Sheets are limited to widths greater than 6 inches (152.4 mm). See also PLASTIC STRIP, ADHESIVE COATED. Excludes PLASTIC SHEET, PRESSURE SENSITIVE ADHESIVE COATED.

Approved Item Name	INC	App Key
PLASTIC SHEET, LAMINATED DECORATIVE	20052	CA

An item consisting of plastic impregnated laminations in sheet form used as a decorative and highly stain resistant covering. It is made up by pressing together plastic impregnated laminations under high pressure and heat. A visible decorative layer is provided on one side consisting of paper, linen, wood or other materials in various colors or designs. The impregnation consists of various thermosetting resins, such as phenol formaldehyde and melamine. It is designed for bonding onto table tops, cabinets, walls and the like.

Approved Item Name	INC	App Key
PLASTIC SHEET, PRESSURE SENSITIVE ADHESIVE COATED	21952	AB

A solid plastic material, coated with ADHESIVE on one side, with or without a removable backing. The ADHESIVE requires no activation by a solvent. Sheets are limited to a width greater than 6 inches (152.4 mm), it may be in roll form. Excludes PLASTIC SHEET, ADHESIVE COATED.

Approved Item Name	INC	App Key
PLASTIC STRIP, ADHESIVE COATED	20953	AA

A solid plastic material, coated with ADHESIVE on one side, and with removable backing. The ADHESIVE is designed to be activated by a solvent. Strips are limited to widths of 6 inches (152.4 mm) or less. See also PLASTIC SHEET, ADHESIVE COATED. Excludes PLASTIC STRIP, PRESSURE SENSITIVE ADHESIVE COATED.

PLASTIC STRIP, PRESSURE SENSITIVE ADHESIVE COATED	21953	AB

A plastic material in widths of 6 INCHES (152.4 mm) or less. It is coated on one or more sides with an adhesive which is covered with a removable backing and requires no activation by a solvent. It is supplied in specific lengths or roll form. Excludes INSULATION TAPE, ELECTRICAL; TAPE (as modified); and PLASTIC STRIP, ADHESIVE COATED.

ROPE, ASBESTOS	07475	HA

An assemblage primarily of asbestos fibers of round, square, or rectangular cross section and of twisted or braided construction, used primarily for packing or insulation. Excludes PACKING MATERIAL.

RUBBER STOCK MOLDING, UNCURED	16875	GA

A formulated preparation consisting of uncured natural rubber, synthetic rubber, or a combination thereof, combined with various other ingredients as may be required, and when vulcanized, will produce a rubber stock with predesigned characteristics.

SHEETING, LUMINOUS	19587	BA

A flexible material, more than six inches in width, coated or impregnated with luminescent material. To intensify luminosity, a reflective material may be included. It may have an adhesive backing. For items 6 inches (152.4 mm) or less in width, see TAPE, LUMINOUS. Excludes SHEETING, REFLECTIVE.

SHEETING, REFLECTIVE	28533	BA

A flexible material more than six inches in width coated or impregnated with reflecting material. It may have an adhesive backing. For items 6 inches (152.4 mm) or less in width, see TAPE, REFLECTIVE. For items with luminescent material, see SHEETING, LUMINOUS.

STENCILBOARD	02655	KA

An item, made on a cylinder or Fourdrinier machine, of sulphate, sulphite or mixed furnish, so formed to take oil uniformly. It is ordinarily impregnated with linseed or other oil, and is used as a substitute for metal in making stencils for marking shipping cases and the like.

TAPER, CANDLELIGHTER	08636	JA

11

Approved Item Name	INC	App Key
TUBING, PLASTIC, SPIRAL WRAP	32642	FA

A length of flat plastic tubing wound on itself in the form of a spiral. The item may be utilized in the binding of wires, cables and for harnesses or as a spiral chafe guard on a nonmetallic hose assembly and the like. The elastic properties of the plastic item, in that it expands and contracts, creates a gripping effect on the items it encompasses. It may be color coded for identification purposes. For flat plastic tubing designed to be expanded for use see TUBING, PLASTIC. Excludes CONDUIT, NONMETALLIC, FLEXIBLE and INSULATION SLEEVING, ELECTRICAL.

WICK	07120	JA

Fibrous materials of woven, braided, felted or twisted construction of various shapes, used for feeding and delivering oil or other liquids to remote points by capillarity.

WICK, EAR	37985	JA

A synthetic item made of a woven, braided, felted or twisted construction of various shapes, used as a vehicle for medication to treat otitis externa. It is easily inserted into the ear and expands to distribute medication evenly to all affected tissue. It is nonlinting, nonadherent and contains a central hole to prevent plugging of the ear canal.

WICK, ELECTROPHORESIS	47830	JA

An item specifically designed as a means of transport. Needed to provide sufficient buffer to keep media moist such as in agar techniques which enables the buffer to reach the plate. It may speed initial saturation in developing chamber or used as a replacement sponge for electrodes. May be in strip form and may be sponge or paper type.

APPLICABILITY KEY INDEX

	AA	AB
NAME	X	X
MATL	X	X
BMXN	AR	AR
BMHZ		X
HUES	AR	AR
ADZC	AR	
ARWN	X	
ABRY	X	X
ABGL	X	X
ABNM	X	X
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ENAC	AR	AR
ALAX	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
SUPP	AR	AR
ANTN	AR	AR
AGAV	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
CXCY	AR	AR
HZRD	AR	AR

	BA
NAME	X
ALCM	AR
BMJC	AR
BLGK	X
APEA	AR
AJXS	AR
ADZC	AR
HUES	AR
AJNJ	AR
ARGY	AR
AJND	AR
BMJD	AR
BMJF	X
AGXW	X
ABRY	X
ABGL	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ALAX	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
ANTN	AR
AGAV	AR
ZZZP	AR
ZZZV	AR
CXCY	AR
HZRD	AR

	CA
NAME	X
BDPL	X
HUES	AR
AJNJ	AR
ARGY	AR
BMJG	AR
AJNE	AR
ABRY	X
ABGL	X
ABNM	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ALAX	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
ANTN	AR
AGAV	AR
ZZZP	AR
ZZZV	AR
CXCY	AR
HZRD	AR

	DA
NAME	X
MATL	X
AAAU	X
APEA	X
BDNZ	X
CTLY	X
ABRY	X
ABGL	X
ABNM	X
HUES	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ALAX	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
ANTN	AR
AGAV	AR
ZZZP	AR
ZZZV	AR
CXCY	AR
HZRD	AR

	EA
NAME	X
MATL	X
AGXW	X
HUES	AR
AJQE	X
BMJJ	X
ACVP	AR
BMJK	AR
BMJL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ALAX	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
ANTN	AR
AGAV	AR
ZZZP	AR
ZZZV	AR
CXCY	AR
HZRD	AR

APPLICABILITY KEY INDEX

	FA
NAME	X
BMJM	X
BMJN	X
BMJP	AR
BMJQ	AR
MARK	AR
AARX	X
AAGT	X
ABRY	X
BMJR	AR
BMJS	X
AKKF	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ALAX	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
ANTN	AR
AGAV	AR
ZZZP	AR
ZZZV	AR
CXCY	AR
HZRD	AR

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APPLICABILITY KEY INDEX

	GA
NAME	X
MATL	X
BMJT	X
ADZC	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ALAX	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
ANTN	AR
AGAV	AR
ZZZP	AR
ZZZV	AR
CXCY	AR
HZRD	AR

	HA
NAME	X
BDPK	X
BMJW	X
AARN	X
BMJX	X
AJXJ	AR
BMKY	AR
BMJY	AR
ANLR	X
APDR	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ALAX	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
ANTN	AR
AGAV	AR
ZZZP	AR
ZZZV	AR
CXCY	AR
HZRD	AR

	JA
NAME	X
MATL	X
BMKC	X
AARN	X
SHPE	X
ABHP	AR
ABGL	AR
ABNM	AR
ADAV	AR
AARX	AR
PGCD	AR
SSEQ	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ALAX	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
ANTN	AR
AGAV	AR
ZZZP	AR
ZZZV	AR
CXCY	AR
HZRD	AR

APPLICABILITY KEY INDEX

	KA
NAME	X
BMJZ	X
ABRY	X
ABGL	X
ABNM	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ALAX	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
ANTN	AR
AGAV	AR
ZZZP	AR
ZZZV	AR
CXCY	AR
HZRD	AR

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code appearing in the Index of Approved Item Names. (e.g., NAMED21953*)

ALL

MATL   D   MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDPCAAAX*; MATLDPCAAAX$$DRCAY00*; MATLDPCAAAX$DRCAY00*)

ALL*

BMXN   D   REMOVABLE BACKING TYPE

Definition: INDICATES THE TYPE OF REMOVABLE BACKING PROVIDED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., BMXNDGE*; BMXNDFY$DFZ*)

AB

BMHZ   D   REMOVABLE BACKING SURFACE CONDITION

Definition: THE CONDITION OF THE REMOVABLE BACKING WITH RESPECT TO THE TEXTURE OF THE SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMHZDAAG*; BMHZDAAG$DAAK*)

APP Key	MRC	Mode Code	Requirements

		REPLY CODE	REPLY (AK39)
		AAK	PLAIN
		AAG	SCORED

ALL*

HUES · D · COLOR

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., HUESDWH0000*; HUESDAL0000$$DBU0000*; HUESDAL0000$DBU0000*)

AA *

ADZC · D · ENVIRONMENTAL PROTECTION

Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ADZCDAB*; ADZCDAA$$DAB*; ADZCDAA$DAB*)

AA

ARWN · D · ADHESIVE ACTIVATING SOLVENT TYPE

Definition: THE TYPE OF ADHESIVE ACTIVATING SOLVENT PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARWNDNX*; ARWNDJC$DNX*)

	REPLY CODE	REPLY (AB75)
	JC	ACETONE
	NX	CYCLOHEXANONE
	BE	GASOLINE
	AAKD	MFR TRADE SECRET

ALL

ABRY · J · LENGTH

26

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJYA50.000*; ABRYJMA45.5*; ABRYJAB20.000$$JAC20.125*)

For items indicating feet and yards see Appendix C, Table 2 and 3, for conversion.

Table 1
REPLY CODE	REPLY (AA05)
F	FEET
A	INCHES
M	METERS
L	MILLIMETERS
Y	YARDS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABGL	J	WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA2.500*; ABGLJLA63.5*; ABGLJAB2.500$$JAC2.625*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL

ABNM   J   THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.125*; ABNMJLA3.1*; ABNMJAB0.125$$JAC0.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

SECTION: B

APP

Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code appearing in the Index of approved Item Names. (e.g., NAMED13090*)

ALL*

ALCM   D   LUMINESCENCE TYPE

Definition: THE MANNER IN WHICH THE ITEM REACTS TO LIGHT AFTER EXPOSURE TO AN EXTERNAL SOURCE OF RADIANT ENERGY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALCMDF*; ALCMDF$DG*)

REPLY CODE	REPLY (AB54)
F	FLUORESCENT
G	PHOSPHORESCENT

NOTE FOR MRC BMJC: IF REPLY CODE G IS ENTERED FOR ALCM, REPLY TO MRC BMJC.

ALL* (See Note Above)

BMJC   D   AFTERGLOW PERIOD

Definition: AN INDICATION OF THE PERIOD OF AFTERGLOW.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMJCDC*; BMJCDC$DB*)

REPLY CODE	REPLY (AB79)
C	LONG (two hours or longer)
B	SHORT (less than two hours)

ALL

APP Key	MRC	Mode Code	Requirements

BLGK   D   REFLECTORIZED FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A REFLECTORIZED FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLGKDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC APEA: IF REPLY CODE B IS ENTERED FOR MRC BLGK, REPLY TO MRC APEA.

ALL* (See Note Above)

APEA   D   SURFACE CONDITION

Definition: THE CONDITION OF THE ITEM WITH RESPECT TO THE TEXTURE OF THE SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APEADAAJ*; APEADBCT$DAAJ*)

REPLY CODE	REPLY (AK39)
BCT	EMBEDDED RETRO-DIRECTIVE BEADS
AAJ	SMOOTH

NOTE FOR MRC AJXS: IF REPLY CODE BCT IS ENTERED FOR MRC APEA, REPLY TO MRC AJXS.

ALL* (See Note Above)

AJXS   J   BEAD DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A BEAD, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AJXSJAA0.250*; AJXSJLA6.350*; AJXSJAB0.250$$JAC0.375*)

APP Key	MRC	Mode Code	Requirements

Table 1
REPLY CODE   REPLY (AA05)
A   INCHES
L   MILLIMETERS

Table 2
REPLY CODE   REPLY (AC20)
A   NOMINAL
B   MINIMUM
C   MAXIMUM

ALL*

    ADZC   D   ENVIRONMENTAL PROTECTION

    Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.

    Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ADZCDAB*; ADZCDGS$$DBT*)

ALL*

    HUES   D   COLOR

    Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

    Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., HUESDBU0000*; HUESDBL0000$$WH0000*; HUESDBL0000$WH0000*)

NOTE FOR MRC AJNJ AND ARGY: IF COLOR SHADE IS CONTROLLED, REPLY TO MRCS AJNJ AND ARGY ENTERING IN THE SAME SEQUENCE AS MRC HUES.

SEPARATE MULTIPLE REPLIES WITH A SEMICOLON, AND OPTIONAL REPLIES WITH THE WORD "OR" FOR MRC ARGY.

ALL* (See Note Above)

    AJNJ   A   SHADE IDENTIFICATION

    Definition: A DESIGNATION ASSIGNED TO A PARTICULAR GRADATION OF A COLOR FOR PURPOSE OF READY IDENTIFICATION.

31

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the designator. (e.g., AJNJA3270*; AJNJA3270$$A6411*; AJNJA3270$A3654*)

ALL* (See Note Preceding MRC AJNJ)

ARGY   G   SHADE DESIGNATION CONTROLLER

Definition: THE NAME OF THE GOVERNMENT AGENCY, COMMERCIAL ORGANIZATION, OR MANUFACTURER CONTROLLING THE SHADE DESIGNATION.

Reply Instructions: Enter the reply in clear text. (e.g., ARGYGANA*; ARGYGUS ARMY;NAVY*; ARGYGUS ARMY OR NAVY*)

ALL*

AJND   D   FABRIC PATTERN

Definition: AN ARTISTIC OR MECHANICAL DESIGN OR FIGURE THAT IS IMPRINTED ON, EMBODIED IN, OR OTHERWISE CAUSED TO BECOME AN INTEGRAL OR APPARENT PART OF THE FABRIC.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJNDDAS*; AJNDDAS$DAR*)

REPLY CODE	REPLY (AF83)
AS	CHECKS
AR	STRIPES

ALL*

BMJD   D   ADHESIVE BACKING TYPE

Definition: INDICATES THE TYPE OF ADHESIVE BACKING PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMJDDLP*; BMJDDEF$DLP*)

REPLY CODE	REPLY (AB47)
EF	HEAT ACTIVATED
LP	METHYL ETHYL KETONE ACTIVATED
DA	PRESSURE SENSITIVE
DB	SOLVENT ACTIVATED
LQ	WATER SOLUBLE

32

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements

ALL

BMJF   D   SEPARATOR STRIP

Definition: AN INDICATION OF WHETHER OR NOT A SEPARATOR STRIP IS
INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,
BMJFDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

AGXW   D   PHYSICAL FORM

Definition: THE RECOGNIZED SHAPE, CONFIGURATION, STRUCTURE, OR
MOLD OF A SUBSTANCE, NATURAL OR REFINED, THAT MOST NEARLY
CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,
AGXWDAT*; AGXWDAT$DBQ*)

REPLY CODE	REPLY (AE98)
AT	ROLL
BQ	SHEET

ALL

ABRY   J   LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY
OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below,
followed by the numeric value. (e.g., ABRYJYA50.000*; ABRYJMA45.522*;
ABRYJYB50.000$$JYC50.055*)

33

APP Key	MRC	Mode Code	Requirements

For items indicating inches and yards, see Appendix C, Table 3, for conversion.

Table 1
REPLY CODE	REPLY (AA05)
M	METERS
Y	YARDS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABGL   J   WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA2.000*; ABGLJLA50.800*; ABGLAJB2.000$$JAC2.125*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

SECTION: C

APP

Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code appearing in the Index of Approved Item Names. (e.g., NAMED20052*)

ALL

BDPL   D   GRADE DESIGNATION

Definition: A DESIGNATION OF THE GRADE BY WHICH THE ITEM IS IDENTIFIED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDPLDAN*; BDPLDAP$DAN*)

Cigarette-proof grade has a lamination of metal foil under the decorative layer to provide rapid heat disbursement.

REPLY CODE	REPLY (AL91)
AP	CIGARETTE-PROOF
AN	STANDARD

ALL*

HUES   D   COLOR

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., HUESDWH0000*; HUESDWH0000$$DYE0000*; HUESDWH0000$DYE0000*)

NOTE FOR MRC AJNJ AND AGRY: IF COLOR SHADE IS CONTROLLED, REPLY TO MRCS AJNJ AND ARGY ENTERING IN THE SAME SEQUENCE AS MRC HUES.

SEPARATE MULTIPLE REPLIES WITH A SEMICOLON AND OPTIONAL REPLIES WITH THE WORD "OR" FOR MRC ARGY.

APP Key	MRC	Mode Code	Requirements

ALL* (See Note Above)

AJNJ   A   SHADE IDENTIFICATION

Definition: A DESIGNATION ASSIGNED TO A PARTICULAR GRADATION OF A COLOR FOR PURPOSE OF READY IDENTIFICATION.

Reply Instructions: Enter the shade designator. (e.g., AJNJAN0.26132, FED STD 595*; AJNJA0.26132, FED STD 595$$A0.26136, FED STD 595*; AJNJA0.26132, FED STD 595$A0.26136, FED STD 595*)

ALL* (See Note Preceding MRC AJNJ)

ARGY   G   SHADE DESIGNATION CONTROLLER

Definition: THE NAME OF THE GOVERNMENT AGENCY, COMMERCIAL ORGANIZATION, OR MANUFACTURER CONTROLLING THE SHADE DESIGNATION.

Reply Instructions: Enter the reply in clear text. (e.g., ARGYGUS RUBBER CO*; ARGYGUS RUBBER CO;GOODYEAR RUBBER CO*; ARGYGFIRESTONE RUBBER CO OR UNIROYAL RUBBER CO*)

ALL*

BMJG   A   PATTERN/STYLE IDENTIFICATION

Definition: A DESIGNATION ASSIGNED TO THE PATTERN OR STYLE FOR THE PURPOSE OF READY IDENTIFICATION.

Reply Instructions: Enter the style designator. (e.g., BMJGA3C1*; BMJGA3C1$A3D2*)

NOTE FOR MRC AJNE: IF A REPLY IS ENTERED FOR MRC BMJG, REPLY TO MRC AJNE.

ALL* (See Note Above)

AJNE   D   PATTERN SOURCE

Definition: THE NAME OF THE GOVERNMENT AGENCY, COMMERCIAL ORGANIZATION, OR MANUFACTURER CONTROLLING THE PATTERN DESIGNATOR.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJNEDAT*; AJNEDAS$DAT*)

REPLY CODE	REPLY (AF94)
AS	THE FORMICA CO
CK	UNIROYAL INC
AT	US RUBBER CO

ALL

ABRY	J	LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJFA7.500*; ABRYJMA2.3*; ABRYJAB7.500$$JAC7.516*)

For items indicating inches and feet, see Appendix C, Table 2, for conversion.

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
A	INCHES
M	METERS
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABGL	J	WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA36.000*; ABGLJLA914.40*; ABGLJAB36.000$$JAC36.125*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABNM   J   THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.125*; ABNMJLA3.1*; ABNMJAB0.125$$JAC0.250*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

SECTION: D

APP Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code appearing in the Index of Approved Item Names. (e.g., NAMED19975*)

ALL

MATL   D   MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDPCAG00*; MATLDPCAG00$$DPCAJ00*; MATLDPCAG00$DPCAJ00*)

ALL

AAAU   D   FIRE RETARDING CHARACTERISTIC

Definition: AN INDICATION OF WHETHER OR NOT AN OBJECT WILL REMAIN SUBSTANTIALLY UNCHANGED WHEN SUBJECTED TO EXTREMELY HIGH TEMPERATURES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAAUDB*; AAAUDB$DC*)

REPLY CODE	REPLY (AA08)
B	FIRE RETARDING
C	NOT FIRE RETARDING

ALL

APEA   D   SURFACE CONDITION

Definition: THE CONDITION OF THE ITEM WITH RESPECT TO THE TEXTURE OF THE SURFACE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APEADBAB*; APEADBBY$DBAB*)

REPLY CODE	REPLY (AK39)
BBY	FINISHED
BAB	ROUGH

ALL

BDNZ   J   DENSITY RATING

Definition: AN INDICATION OF THE RATED DENSITY OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BDNZJDA2.8*; BDNZJDB44.8*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BDNZKN*)

REPLY CODE	REPLY (AG67)
DB	KILOGRAMS PER CUBIC METER
DA	POUNDS PER CUBIC FOOT

ALL

CTLY   J   COMPRESSION STRENGTH AT 25 PCT DEFLECTION

Definition: THE SQUEEZING LOAD AN ITEM CAN WITHSTAND WITHOUT BREAKING AT 25 PERCENT DEFLECTION.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CTLYJFBA3.0*; CTLYJJRA15.0*; CTLYJFBB0.4$$JFBC0.6*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., CTLYKN*)

Table 1

REPLY CODE	REPLY (AG67)
EY	KILOGRAMS PER SQUARE CENTIMETER
JR	NEWTONS PER SQUARE CENTIMETER
FB	POUNDS PER SQUARE INCH

40

APP Key	MRC	Mode Code	Requirements

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABRY   J   LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA48.000*; ABRYJLA1219.2*; ABRYJAB48.000$$JAC48.125*)

Table 1
REPLY CODE	REPLY (AA05)
F	FEET
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABGL   J   WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA24.000*; ABGLJLA609.6*; ABGLJAB24.000$$JAC24.500*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABNM   J   THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.250*; ABNMJLA6.3*; ABNMJAB0.250$$JAC0.375*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

HUES   D   COLOR

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., HUESDNA0000*; HUESDBU0000$$DWH0000*; HUESDBU0000$DWH0000*)

SECTION: E

APP

Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code appearing in the Index of Approved Item Names. (e.g., NAMED07856*)

ALL

MATL   D   MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDPCAAAR*; MATLDPCAAAR$$DPCW000*; MATLDPCAAAR$DPCW000*)

ALL

AGXW   D   PHYSICAL FORM

Definition: THE RECOGNIZED SHAPE, CONFIGURATION, STRUCTURE, OR MOLD OF A SUBSTANCE, NATURAL OR REFINED, THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGXWDAH*; AGXWDAN$DAR*)

REPLY CODE	REPLY (AE98)
AN	LIQUID
AR	PASTE
AH	POWDER
AW	SOLID

ALL*

HUES   D   COLOR

APP Key	MRC	Mode Code	Requirements

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., HUESDBL0000*; HUESDAL0000$DBR0000*; HUESDAL0000$$DBR0000*)

ALL

AJQE   D   MATERIAL TRANSPARENCY

Definition: THE ABILITY OF THE MATERIAL TO TRANSMIT LIGHT AND ALLOW VISUAL PERCEPTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJQEDAE*; AJQEDAN$DAE*)

REPLY CODE	REPLY (AF93)
AN	FLUORESCENT
AE	OPAQUE
AH	TRANSLUCENT
AJ	TRANSPARENT

ALL

BMJJ   D   PLASTIC CHARACTERISTIC

Definition: AN INDICATION OF THE PROPERTY CHARACTERISTICS OF THE PLASTIC.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMJJDQH*; BMJJDQH$DQJ*)

REPLY CODE	REPLY (AE98)
QH	FOAM-IN-PLACE
QJ	THERMOPLASTIC
QK	THERMOSETTING

ALL*

ACVP   D   FILLING MATERIAL

44

APP Key	MRC	Mode Code	Requirements

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE FILLING IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ACVPDPF0000*; ACVPDDFAC00$$DPF0000*; ACVPDDFAC00$DPF0000*)

ALL*

	BMJK	G	FLOW RATING

Definition: THE AMOUNT OF FLOW ALLOWABLE UNDER A GIVEN PRESSURE.

Reply Instructions: Enter the reply in clear text. (e.g., BMJKG50 TO 150 AT 500 PSI*)

NOTE FOR MRC BMJL: IF A REPLY IS ENTERED FOR MRC BMJK, REPLY TO MRC BMJL.

ALL* (See Note Above)

	BMJL	G	FLOW RATE SOURCE

Definition: AN INDICATION OF THE REFERENCE SOURCE OF THE FLOW RATE.

Reply Instructions: Enter the reply in clear text.

(e.g., BMJLGBAKELITE CORP WC-508-A/1*)

SECTION: F

APP

Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code appearing in the Index of Approved Item Names. (e.g., NAMED32642*)

ALL

BMJM   D   PLASTIC MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE PLASTIC IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BMJMDPCAH00*; BMJMDPCAH00$$DPCAJ00*; BMJMDPCAH00$DPCAJ00*)

ALL

BMJN   D   COLOR CODING/SPECIAL MARKINGS

Definition: AN INDICATION OF WHETHER OR NOT COLOR CODING AND/OR SPECIAL MARKINGS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMJNDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS BMJP, BMJQ, AND MARK: IF REPLY CODE B IS ENTERED FOR MRC BMJN, REPLY TO THESE MRCS, AS APPLICABLE.

ALL* (See Note Above)

BMJP   D   COLOR CODING

Definition: THE HUE OR TINT OF THE COLOR CODING.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., BMJPDRE0000*; BMJPDRE0000$$DWH0000*; BMJPDRE0000$DWH0000*)

ALL* (See Note Preceding MRC BMJP)

BMJQ   D   ADDITIONAL COLOR CODING TYPE

Definition: INDICATES THE TYPE OF ADDITIONAL COLOR CODING PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMJQDBC*; BMLQDBC$$DBD*;BMJQDBC$DBD*)

REPLY CODE	REPLY (AL21)
BC	BLACK TRACER
BD	RED DOT

ALL* (See Note Preceding MRC BMJP)

MARK   G   SPECIAL MARKINGS

Definition: MARKINGS INCLUDED ON AN ITEM FOR THE PURPOSE OF OFFERING INSTRUCTIONS OR WARNINGS OR TO INDICATE THE PURPOSE, FUNCTION, OR APPLICATION OF THE ITEM. EXCLUDES MANUFACTURERS PART NUMBERS, SYMBOLS, OR THE LIKE.

Reply Instructions: Enter the reply in clear text.

(e.g., MARKGR-100*)

ALL

AARX   J   INSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE INSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AARXJAA0.190*; AARXJLA4.8*; AARXJAB0.185$$JAC0.195*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES

47

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AAGT   J   WALL THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF THE WALL, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AAGTJAA0.0625*; AAGTJLA4.8*; AAGTJAB0.0625$$JAC0.0630*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABRY   J   LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJFA100.000*; ABRYJMA30.5*; ABRYJAB40.000$$JAC48.000*)

For items indicating inches and feet, see Appendix C, Table 2, for conversion.

Table 1

APP Key	MRC	Mode Code	Requirements
		REPLY CODE	REPLY (AA05)
		F	FEET
		A	INCHES
		M	METERS
		L	MILLIMETERS
		Table 2	
		REPLY CODE	REPLY (AC20)
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL*

BMJR   J   BUNDLE DIAMETER RANGE

Definition: THE MINIMUM AND MAXIMUM RANGE OF THE LENGTHS OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A BUNDLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede each value with a P. (e.g., BMJRJAP0.188/P2.000*; BMJRJLP4.7/P50.8*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL

BMJS   F   OPERATING TEMP RANGE IN DEG FAHRENHEIT

Definition: THE MINIMUM AND MAXIMUM OPERATING TEMPERATURE, FOR WHICH THE ITEM IN RATED, EXPRESSED IN DEGREES FAHRENHEIT.

Reply Instructions: Enter the numeric values, separated by a slash. Precede negative values with an M and positive values with a P. (e.g., BMJSFM105.0/P215.0*)

ALL*

AKKF   J   QUANTITY WITHIN EACH UNIT PACKAGE

49

APP
Key   MRC   Mode Code   Requirements

Definition: THE NUMBER OF THE VOLUME, FORM, OR THE DOSAGE WITHIN EACH UNIT PACKAGE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AKKFJBB500.000*; AKKFJCK152.4*)

REPLY CODE	REPLY (AG67)
BB	FEET
CK	METERS

SECTION: G

APP
Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code appearing in the Approved Item Name Index.(e.g., NAMED16875*)

ALL

MATL   D   MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDRCC000*; MATLDRCB000$$DRCC000*; MATLDRCB000$DRCC000*)

ALL

BMJT   J   DUROMETER HARDNESS RATING

Definition: A NUMERIC VALUE THAT REFLECTS THE DUROMETER SCALE HARDNESS RATING OF A NONMETALLIC ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BMJTJA60.0*; BMJTJB60.0$$JC70.0*)

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADZC   D   ENVIRONMENTAL PROTECTION

Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ADZCDAK*; ADZCDAT$$DAX*)

SECTION: H

APP

Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code appearing in the Index of Approved Item Names. (e.g., NAMED07475*)

ALL

BDPK   J   ASBESTOS CONTENT PERCENTAGE

Definition: THE ASBESTOS CONTENT OF THE ITEM, EXPRESSED IN PERCENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BDPKJA100.0*; BDPKJB75.0$$JC80.0*)

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BMJW   D   YARN TYPE

Definition: INDICATES THE TYPE OF YARN PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMJWDABH*; BMJWDABG$DABH*)

REPLY CODE	REPLY (AL79)
ABG	PLAIN
ABH	WIRE INSERT

ALL

AARN   D   FABRICATION METHOD

53

APP Key	MRC	Mode Code	Requirements

Definition: THE PROCESS USED IN MANUFACTURING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AARNDAB*; AARNDAB$DAY*)

Rope of twisted construction may have one or more braided jackets, but is still considered as twisted construction.

REPLY CODE	REPLY (AA62)
AB	BRAIDED
AY	TWISTED

ALL

BMJX   D   BRAIDED JACKET

Definition: AN INDICATION OF WHETHER OR NOT A BRAIDED JACKET(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMJXDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

AJXJ   D   CORE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CORE IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AJXJDDFAL00*; AJXJDDFAL00$$DFT0000*; AJXJDDFAL00$DFT0000*)

ALL*

BMKY   D   TREATMENT TYPE

Definition: INDICATES THE TYPE OF TREATMENT PROVIDED.

54

APP
Key   MRC   Mode Code   Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMKYDBT*; BMKYDAF$DBT*)

REPLY CODE	REPLY (AK89)
AF	COATING
BT	IMPREGNATION

NOTE FOR MRC BMJY: IF A REPLY IS ENTERED FOR MRC BMKY, REPLY TO MRC BMJY, AS APPLICABLE.

ALL* (See Note Above)

BMJY   D   TREATMENT MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE WITH WHICH THE ITEM IS TREATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BMJYDGF0000*; BMJYDGF0000$$DRC0000*; BMJYDGF0000$DRC0000*;

ALL

ANLR   D   CROSS-SECTIONAL SHAPE

Definition: THE GEOMETRIC CONFIGURATION OF THE ITEM WHEN VIEWED IN CROSS SECTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANLRDRD*; ANLRDRT$DRD*)

REPLY CODE	REPLY (AD07)
RT	RECTANGULAR
RD	ROUND
SQ	SQUARE

ALL

APDR   G   NOMINAL SIZE

Definition: A MEASUREMENT SUCH AS LENGTH, WIDTH, DIAMETER, AND THE LIKE.

APP
Key   MRC   Mode Code   Requirements

Reply Instructions: Enter the reply in clear text. (e.g., APDRG3/16 IN. SQ*)

SECTION: J
APP

Key	MRC	Mode Code	Requirements

ALL

NAME　　　　　　　D　　　　　　　ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code appearing in the Index of Approved Item Names. (e.g., NAMED07120*)

ALL

MATL　　　　　　　D　　　　　　　MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDDFAL00*; MATLDDFAE00$$DDFAL00*; MATLDDFAE00$DDFAL00*)

ALL

BMKC　　　　　　　D　　　　　　　WIRE INSERT

Definition: AN INDICATION OF WHETHER OR NOT A WIRE INSERT IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMKCDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

AARN　　　　　　　D　　　　　　　FABRICATION METHOD

Definition: THE PROCESS USED IN MANUFACTURING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AARNDAY*; AARNDAB$DAC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE   REPLY (AA62)
AB   BRAIDED
AC   COMPRESSED
AF   FELTED
GS   FLOCKED
GT   MATTED
BA   PRESSED
AY   TWISTED
AW   WOVEN

ALL

 SHPE   D   SHAPE

 Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

 Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDRD*; SHPEDFL$DRD*)

REPLY CODE   REPLY (AD07)
FL   FLAT
RD   ROUND
FN   TUBULAR

NOTE FOR MRCS ABHP, ABGL, ABNM, ADAV, AND AARX: IF REPLY CODE FL IS ENTERED FOR MRC SHPE, REPLY TO MRCS ABHP, ABGL, AND ABNM.

IF REPLY CODE RD IS ENTERED FOR MRC SHPE, REPLY TO MRCS ABHP AND ADAV.

IF REPLY CODE FN IS ENTERED FOR MRC SHPE, REPLY TO MRCS ABHP, ADAV, AND AARX.

ALL* (See Note Above)

 ABHP   J   OVERALL LENGTH

 Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

 Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA2.500*; ABHPJLA63.5*; ABHPJAB2.500$$JAC2.750*)

  Table 1

APP Key	MRC	Mode Code	Requirements

		REPLY CODE	REPLY (AA05)
		A	INCHES
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ABHP)

ABGL   J   WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA1.000*; ABGLJLA25.4*; ABGLJAB1.000$$JAC1.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ABHP)

ABNM   J   THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.313*; ABNMJLA7.9*; ABNMJAB0.313$$JAC0.318*)

Table 1

APP
Key   MRC   Mode Code   Requirements

REPLY CODE   REPLY (AA05)
A   INCHES
L   MILLIMETERS

Table 2
REPLY CODE   REPLY (AC20)
A   NOMINAL
B   MINIMUM
C   MAXIMUM

ALL* (See Note Preceding MRC ABHP)

ADAV   J   OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A
CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below,
followed by the numeric value. (e.g., ADAVJAA0.375*; ADAVJLA9.5*;
ADAVJAB0.375$$JAC0.500*)

Table 1
REPLY CODE   REPLY (AA05)
A   INCHES
L   MILLIMETERS

Table 2
REPLY CODE   REPLY (AC20)
A   NOMINAL
B   MINIMUM
C   MAXIMUM

ALL* (See Note Preceding MRC ABHP)

AARX   J   INSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH
THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT
THE INSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below,
followed by the numeric value. (e.g., AARXJAA0.250*; AARXJLA6.3*;
AARXJAB0.250$$JAC0.375*)

APP Key	MRC	Mode Code	Requirements

Table 1
REPLY CODE   REPLY (AA05)
A   INCHES
L   MILLIMETERS

Table 2
REPLY CODE   REPLY (AC20)
A   NOMINAL
B   MINIMUM
C   MAXIMUM

ALL *

PGCD   A   PROCUREMENT GROUP CODE

Definition: A FIVE DIGIT NUMERIC CODE USED TO GROUP INDIVIDUAL SIZES OF A STANDARD GENERIC ITEM.

Reply Instructions: Enter the five digit numeric value (e.g., PGCDA12345*)

ALL *

SSEQ   A   SIZE SEQUENCE INDICATOR

Definition: A THREE DIGIT NUMERIC CODE USED FOR SEQUENCING ITEMS IN ASCENDING SIZE ORDER FROM SMALLEST TO LARGEST SIZE.

Reply Instructions: Enter the three digit numeric value. (e.g.,SSEQA123*)

SECTION: K

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code appearing in the Approved Item Name Index. (e.g., NAMED02655*)

ALL			
	BMJZ	D	OILED FEATURE

Definition: AN INDICATION OF WHETHER OR NOT AN OILED FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMJZDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL			
	ABRY	J	LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA20.000*; ABRYJLA508.0*; ABRYJAB20.000$$JAC20.125*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL

62

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

ALL

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA6.000*; ABGLJLA152.4*; ABGLJAB6.000$$JAC6.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABNM J THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.015*; ABNMJLA0.3*; ABNMJAB0.015$$JAC0.020*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

SECTION: STANDARD

APP

Key	MRC	Mode Code	Requirements

ALL*

    FEAT   G   SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

    TEST   J   TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

APP Key	MRC	Mode Code	Requirements
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL   G   SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK   J   SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP
Key   MRC   Mode Code   Requirements

	REPLY CODE	REPLY (AN62)
	S	GOVERNMENT SPECIFICATION
	T	GOVERNMENT STANDARD
	D	MANUFACTURERS SOURCE CONTROL
	R	MANUFACTURERS SPECIFICATION
	N	MANUFACTURERS SPECIFICATION CONTROL
	M	MANUFACTURERS STANDARD
	B	NATIONAL STD/SPEC
	A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
	P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT   J   NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW   G   DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			

ZZZX   G   DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

ZZZY   G   REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

CRTL   A   CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

APP Key	MRC	Mode Code	Requirements

PRPY   A   PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL * (See Note Above)

ENAC   D   ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from table below. (e.g., ENACDBQ*; ENACDBQ$$DBV*)

REPLY CODE	REPLY (EN02)
BQ	*NON-DURABLE FILMS - BIOBASED*
NR	*REVIEWED – DOES NOT MEET SOME ENAC CRITERIA*
BV	*SEMI-DURABLE FILMS - BIOBASED*

NOTE FOR MRC ALAX: IF REPLY CODE BQ OR BV WAS ENTERED FOR MRC ENAC, REPLY TO MRC ALAX.

ALL* (See Note Above)

ALAX   B   BIOBASED CONTENT PERCENTAGE

APP
Key   MRC   Mode Code   Requirements

Definition: THE STATED PERCENTAGE OF THE ITEM'S CONTENT THAT IS BIOBASED.

Reply Instructions: Enter the numeric value. (e.g., ALAXB75.0

ALL*

ELRN   G   EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD   D   EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements

ALL

AFJK   J   CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.0*; AFJKJC131.1*)

REPLY CODE	REPLY (AD42)
C	CUBIC CENTIMETERS
B	CUBIC INCHES

ALL

SUPP   G   SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

ANTN   G   SPECIFIC USE

Definition: THE REQUIRED PURPOSE OR APPLICATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., ANTNGUSED FOR LUBRICATION*; ANTNGUSED TO FEED OIL;TO LUBRICATE*; ANTNGUSED TO FEED OIL OR TO LUBRICATE*)

ALL

AGAV   G   END ITEM IDENTIFICATION

APP Key	MRC	Mode Code	Requirements

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL

ZZZP J   PURCHASE DESCRIPTION IDENTIFICATION

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81A37-30624A*)

ALL

ZZZV G   FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

ALL

CXCY G   PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

ALL

APP Key	MRC	Mode Code	Requirements
	HZRD	D	HAZARDOUS SUBSTANCES

Definition: THE SUBSTANCES AND/OR MATERIALS CONTAINED IN THE ITEM THAT HAVE BEEN IDENTIFIED AS HAZARDOUS OR ENVIRONMENTALLY DAMAGING BY THE ENVIRONMENTAL PROTECTION AGENCY OR OTHER AUTHORIZED GOVERNMENT AGENCY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., HZRDDHAZ042 *)

REPLY CODE	REPLY (HZ00)
HAZ042	ASBESTOS

[Blank Page]

Reply Tables

Table 1 - MATERIALS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
AS0000	ASBESTOS
	Asbestos Fiber (use Reply Code AS0000)
BR0000	BRASS
	Cloth, Aluminum (use Reply Code ALC000)
	Cloth, Asbestos (use Reply Code AS0000)
	Cloth, Cotton (use Reply Code CC0000)
DF0213	CLOTH, MIL-C-23926, TYPE 3, CLASS 2
CQA000	CORK
CC0000	COTTON
CCAAG0	COTTON FLOCK
DFCCDX	DACRON
FAL000	FABRIC, STOCKINET, NYLON, W/POLYCHLOROPRENE COATING
FT0000	FELT
	Felt, Hard (use Reply Code FT0000)
FT0033	FELT, SAE F1, SOCIETY OF AUTOMOTIVE ENGINEERS
	Felt, Soft (use Reply Code FT0000)
	Fiber, Cotton (use Reply Code CC0000)
	Fiber, Dacron (use Reply Code DFCCDX)
	Fiber, Polyester (use Reply Code PCAB00)
GSM000	GLASS FIBER
GSAAH0	GLASS, SPUN
GF0000	GRAPHITE
LR0000	LEATHER
	Lubricant (use specific material)
	Mineral (use specific material)
PL0072	NYLON, FM-3001, E I DUPONT DE NEMOURS AND CO INC, WASHINGTON WORKS PLASTIC DEPT
PF0000	PAPER
PC0000	PLASTIC
PCAAAR	PLASTIC, CELLULOSE ACETATE
PCN000	PLASTIC, DIALLYL PHTHALATE
PCFFR0	PLASTIC, ELASTOMERIC FILM
	Plastic, Elastomeric Film, Pigmented (use Reply Code PCFFR0)
PCP000	PLASTIC, EPOXY
	Plastic, Epoxy, Phenolic, Aluminum Filled (use Reply Codes PCP000$$ALC000)
	Plastic, Epoxy Resin (use Reply Code PCP000)
	Plastic, Nylon (use Reply Code PCAE00)
PCW000	PLASTIC, PHENOLIC
PCAE00	PLASTIC, POLYAMIDE
PC1528	PLASTIC, POLYAMIDE, MIL-M-20693, COMP A
PC0057	PLASTIC, POLYAMIDE, MIL-M-20693, COMP A, TYPE 1
PCAB00	PLASTIC, POLYESTER
PCDDS0	PLASTIC, POLYESTER, DIISOCYANATE

REPLY CODE	REPLY (AD09)
PCCR00	PLASTIC, POLYETHYLENE
PC1884	PLASTIC, POLYETHYLENE, L-P-390, TYPE 1, CLASS L, GRADE 2
PC1885	PLASTIC, POLYETHYLENE, MIL-I-631, GRADE C
PCAC00	PLASTIC, POLYETHYLENE TEREPHTHALATE
PCAG00	PLASTIC, POLYSTYRENE
PCAH00	PLASTIC, POLYTETRAFLUOROETHYLENE
PC1029	PLASTIC, POLYTETRAFLUOROETHYLENE, AMS 3651
PC0444	PLASTIC, POLYTETRAFLUOROETHYLENE, AMS 3653
PCAJ00	PLASTIC, POLYURETHANE
	Plastic, Polyurethane Foam (use Reply Code PCAJ00)
PCAK00	PLASTIC, POLYVINYL CHLORIDE
PCCF00	PLASTIC, POLYVINYL CHLORIDE ACETATE
PCAR00	PLASTIC, SILICONE
PCDDT0	PLASTIC, SYNTHETIC POLYMER, W/ASBESTOS FILLER
PCAAU0	PLASTIC, URETHANE
PCAAAX	PLASTIC, VINYL
PC2371	PLASTIC, 11182920, ARMY SAFEGUARD SYSTEM COMMAND
RC0000	RUBBER
RC0417	RUBBER AND CORK COMPOSITION, MIL-T-6841
RCL000	RUBBER, BUNA-N
RCAE00	RUBBER, CELLULAR
	Rubber, Cork (use Reply Codes RC0000 AND CQA000)
	Rubber, Cotton Fiber (use Reply Codes RC0000 AND CC0000)
RC1071	RUBBER, MIL-STD-670, TYPE R, STYLE O, GRADE RO7
RCB000	RUBBER, NATURAL
RCZ000	RUBBER, RECLAIMED
RCC000	RUBBER, SYNTHETIC
RC3741	RUBBER, 2856598, BUREAU OF NAVAL WEAPONS
FAE000	RUBBERIZED FABRIC
SL0000	SILICONE RUBBER
ADB000	STARCH
	Vinyl Foam (use Reply Code PCAAAX)
WDAAN0	WOOD FLOUR
WL0000	WOOL

Table 2 - COLORS

REPLY CODE	REPLY (AD06)
AL0000	ALUMINUM
AM0000	AMBER
BL0000	BLACK
BL0001	BLACK, FED STD 595, 17038
BU0000	BLUE
BU0085	BLUE, FED STD 595, 15044
BU0131	BLUE, INSIGNIA

REPLY CODE	REPLY (AD06)
MS0065	BRONZE
BR0000	BROWN
MS0015	CHARCOAL
RE0046	CHERRY
CL0000	CLEAR
CL0001	COLORLESS
MS0229	DANISH WALNUT
GL0000	GOLD
GY0000	GRAY
GY0006	GRAY, BLUE
GY0049	GRAY, DARK GULL
GY0067	GRAY, FED STD 595, 36118
GY0029	GRAY, FED STD 595, 36231
GY0155	GRAY, FED STD 595, 36251
GY0253	GRAY, FED STD 595, 36320
GY0002	GRAY, LIGHT
GY0057	GRAY, LIGHT YELLOW
GR0000	GREEN
GR0248	GREEN, FED STD 595, 34092
GR0032	GREEN, LIGHT
GR0130	GREEN, LINEN
MS0228	MAHOGANY, AFRICAN
NA0000	NATURAL
WH0011	OFF-WHITE
LD0000	OLIVE DRAB
LD0022	OLIVE DRAB, LIGHT
RG0000	ORANGE
RG0008	ORANGE, INDIAN
RG0001	ORANGE-RED
RE0000	RED
RE0035	RED, DARK
RE0001	RED, FED STD 595, 11136
RE0075	RED, FED STD 595, 11136-1
SL0000	SILVER
SL0005	SILVER, WHITE
WA0000	WALNUT
WH0000	WHITE
WH0025	WHITE, FED STD 595, 17875
YE0000	YELLOW
YE0064	YELLOW-AMBER
YE0036	YELLOW, FED STD 595, 13538
YE0037	YELLOW, FED STD 595, 13655
YE0020	YELLOW-ORANGE

Table 3 - ENVIRONMENTAL PROTECTIONS

REPLY CODE	REPLY (AA65)
AA	ABRASION RESISTANT
AB	ACID RESISTANT
AT	ALCOHOL RESISTANT
WB	CASTOR OIL RESISTANT
AW	CHEMICAL RESISTANT
AX	COOLANT
GK	CORROSION RESISTANT
AE	FUEL
GP	FUNGUS RESISTANT
AZ	GASOLINE
WQ	GLYCERINE RESISTANT
BU	GREASE
BD	HIGH TEMPERATURE
AS	LOW TEMPERATURE
LN	MILDEW
GS	MOISTURE PROOF
GT	MOISTURE RESISTANT
AK	OIL RESISTANT
AL	OZONE RESISTANT
EP	SOLVENT RESISTANT
EG	STEAM RESISTANT
BS	WATER RESISTANT
BT	WEATHER RESISTANT

Table 4 - BACKING TYPES

REPLY CODE	REPLY (AF82)
FY	CLOTH
FZ	CLOTH SHEETING
GA	COTTON PRINT CLOTH
GB	COTTON SHEETING
GC	CREPE PAPER
GD	FABRIC
FH	FIBERGLASS
GE	HOLLAND LINEN
GF	LINEN SHEETING
GG	PAPER
GH	PLASTIC
GJ	POLYETHYLENE
GK	PRINT CLOTH
GL	PRINT COTTON SHEETING
GM	REINFORCED FABRIC

Table 5 - NONDEFINITIVE SPEC/STD DATA

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REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING

REPLY CODE	REPLY (AD08)
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

INCH TO DECIMAL OF A FOOT CONVERSION CHART

NOTE: For inches, select inches 0 through 11 from left to right top of chart, read decimal equivalent in column directly below.

Fraction of
inch

INCHES

	0	1	2	3	4	5	6	7	8	9	10	11
0	0.000	0.083	0.167	0.250	0.333	0.417	0.500	0.583	0.667	0.750	0.833	0.917
1/16	.005	.089	.172	.255	.339	.422	.505	.589	.672	.755	.839	.922
1/8	.010	.094	.177	.260	.344	.427	.510	.594	.677	.760	.844	.927
3/16	.016	.099	.182	.266	.349	.432	.516	.599	.682	.766	.849	.932
1/4	.021	.104	.188	.271	.354	.438	.521	.604	.688	.771	.854	.938
5/16	.026	.109	.193	.276	.359	.443	.526	.609	.693	.776	.859	.943
3/8	.031	.115	.198	.281	.365	.448	.531	.615	.698	.781	.865	.948
7/16	.037	.120	.203	.287	.370	.453	.537	.620	.703	.787	.870	.953
1/2	.042	.125	.208	.292	.375	.458	.542	.625	.708	.792	.875	.958
9/16	.047	.130	.214	.297	.380	.464	.547	.630	.714	.797	.880	.964
5/8	.052	.135	.219	.302	.385	.469	.552	.635	.719	.802	.885	.969
11/16	.057	.141	.224	.307	.391	.474	.557	.641	.724	.807	.891	.974
3/4	.063	.146	.229	.313	.396	.479	.563	.646	.729	.813	.896	.979
13/16	.068	.151	.234	.318	.401	.484	.568	.651	.734	.818	.901	.984
7/8	.073	.156	.240	.323	.406	.490	.573	.656	.740	.823	.906	.990
15/16	.078	.162	.245	.328	.412	.495	.578	.662	.745	.828	.912	.995

INCH TO DECIMAL OF A YARD CONVERSION CHART

INCHES	YARDS
1	.028
2	.055
3	.083
4	.111
5	.139
6	.166
7	.194
8	.222
9	.250
10	.277
11	.305
12	.333

INCHES	YARDS
13	.361
14	.389
15	.416
16	.444
17	.472
18	.500
19	.528
20	.555
21	.583
22	.611
23	.639
24	.666
25	.694
26	.722
27	.750
28	.777
29	.805
30	.833
31	.861
32	.889
33	.916
34	.944
35	.972

FIIG Change List

FIIG Change List, Effective June 5, 2009

Deleted MRC ECAT and PTRM from FIIG.

Updated note for MRC ALAX.

Added reply codes BQ- NON-DURABLE FILMS - BIOBASED; BV- SEMI-DURABLE FILMS - BIOBASED; and NR- REVIEWD - DOES NOT MEET SOME ENAC CRITERIA to MRC ENAC